AMENDMENTS IN THE CLAIMS

1. (currently amended) A method for providing geographic-based information, the method comprising:

determining a geographic location of a computing device coupled to a network <u>via</u> ~~through~~ an access point;

<u>receiving identification information indicating a user of the computing device; and</u>

transmitting, ~~through~~ <u>via</u> the network and access point, information to the computing device, wherein a content of the information is dependent upon the geographic location of the computing device <u>and demographic information of the user of the computing device associated with the identification information</u>.

2. (original) The method of claim 1, wherein the content includes weather information.

3. (canceled)

4. (currently amended) The method of claim [[3]] <u>1</u>,
wherein the demographic information indicates the content is desired by the user.

5. (currently amended) The method of claim [[3]] <u>1</u>, further comprising:
the computing device transmitting the identification information indicating the user of the computing device.

6. (previously presented) The method of claim 1,
wherein said determining the geographic location comprises receiving information regarding a geographic location of the access point.

7. (original) The method of claim 6,
wherein the geographic location of the access point is determined by accessing a management information base (MIB), wherein the MIB comprises information including the geographic location of the access point.

8. (original) The method of claim 7,

wherein the access point comprises a portion of the MIB, wherein the portion comprises information including the geographic location of the access point.

9. (original) The method of claim 6,

wherein the geographic location of the access point is determined by its proximity to another geographic location.

10. (original) The method of claim 1,

wherein the computing device is a portable computing device.

11. (currently amended) A geographic-based system, comprising:

one or more access points coupled to a network and arranged at geographic locations; and

an information provider coupled to the network, wherein the information provider is operable to:

receive, via a first access point of the one or more access points, a geographic location of [[a]] the first access point of the one or more access points from a computing device operated by a user and communicatively coupled to the first access point; and

transmit information to the computing device, wherein a content of the information is dependent upon the geographic location of the first access point received from the computing device.

12. (currently amended) The geographic-based system of claim 11, wherein the information provider is further configured to receive, from the computing device, identification information indicating [[a]] the user of the computing device.

13. (previously presented) The geographic-based system of claim 12,

wherein the content is further dependent upon profile information of the user of the computing device.

14.   (previously presented)   The geographic-based system of claim 11, further comprising:

the network.

15.   (previously presented)   The geographic-based system of claim 11, further comprising:

a memory coupled to the network, wherein the memory includes the geographic location of the first access point.

16.   (previously presented)   The geographic-based system of claim 11, wherein the content includes weather information.

17.   (currently amended)   The geographic-based system of claim 11,

wherein the content is further dependent upon a destination; and

wherein the content includes itinerary information indicating a route from the geographic location of the first access point to the destination.

18.   (previously presented)   The geographic-based system of claim 13, wherein the profile information indicates the content is desired by the user.

19.   (previously presented)   The geographic-based system of claim 11, wherein the geographic location of the first access point is relative to its proximity to another geographic location.

20.   (previously presented)   The geographic-based system of claim 11,

wherein the computing device is a portable computing device.

21.   (canceled)

22.   (canceled)

23.   (currently amended)   A method of providing geographic-based information, the method comprising:

receiving identification information indicating a user of a computing device;

receiving, from the computing device, geographic location information of the computing device;

selecting information dependent upon the geographic location information and past transactions of the user of the computing device; and

transmitting the selected information to the computing device.

24. (original) The method of claim 23,

wherein the computing device is a portable computing device.

25. (currently amended) A geographic-based information system, comprising:

a network;

one or more information providers coupled to the network;

one or more access points coupled to the network and arranged at geographic locations in a geographic region, wherein a first access point of the one or more access points in proximity to a plurality of computing devices device is operable to communicate with the plurality of computing devices device, wherein a geographic location of the first access point is transmitted to at least one information provider of the one or more information providers;

wherein the at least one information provider selects first information and second information to provide to at least two computing devices of the plurality of computing devices device, wherein a first content of the first information is based on the geographic location of the first access point and a second content of the second information is based on the geographic location of the first access point, wherein the first content is different from the second content;

wherein the information first information and the second information are [[is]] provided through the network and through via the first access point to the at least two computing devices computing device.

26. (original) The geographic-based information system of claim 25, further comprising:

a memory coupled to the network which comprises geographic location information comprising geographic locations of each of at least a subset of the one or more access points.

27. (original) The geographic-based information system of claim 25, further comprising:

a memory coupled to the network which comprises geographic location information comprising a local map of an area of each of at least a subset of the one or more access points.

28. (original) The geographic-based information system of claim 25,

wherein the network includes one or more of a local area network and a wide area network.

29. (currently amended) The geographic-based information system of claim 25,

wherein at least one [[the]] computing device of the plurality of computing devices is a portable computing device.

30. (previously presented) A method of providing a geographic-based information in a geographic-based communication system, wherein the geographic-based communication system uses a geographic location of a first access point of one or more access points to service one or more users in a vicinity of the first access point, the method comprising:

establishing a connection first wireless communication link between a first computing device and the first access point;

identifying a first user of the first computing device in response to said establishing the first wireless communication link;

establishing a second wireless communication link between a second computing device and the first access point;

identifying a second user of the second computing device in response to said establishing the second wireless communication link;

determining the geographic location of the first access point;

providing the geographic location of the first access point to an information provider; [[and]]

transmitting first information from the information provider to the first computing device via the first access point, wherein a first content of the first information is dependent upon the geographic location of the first access point and said identifying the first user; and

transmitting second information from the information provider to the second computing device ~~through~~ via the first access point, wherein a second content of the second information is dependent upon the geographic location of the first access point and said identifying the second user, wherein the second content is different from the first content.

31. (original) The method of claim 30,

wherein said determining includes using a management information base (MIB), wherein the MIB comprises information including the geographic location of the first access point.

32. (currently amended) The method of claim 30,

wherein at least one of the first computing device and the second computing device is a portable computing device.

33. (currently amended) A method of providing a geographic-based information in a geographic-based communication system, wherein the geographic-based communication system uses a geographic location of a first access point of one or more access points to service one or more users in a vicinity of the first access point, the method comprising:

establishing a ~~connection~~ first wireless communication link between a first computing device and the first access point, ~~wherein said establishing includes identifying identification information associated with a user of the computing device~~;

determining the geographic location of the first access point;

providing the geographic location of the first access point to an information provider; and

transmitting first information from the information provider to the first computing device, wherein a first content of the first information is dependent upon the geographic location of the first access point ~~and the identification information.~~

establishing a second wireless communication link between a second computing device and the first access point, wherein the second computing device is different than the first computing device; and

transmitting second information from the information provider to the second computing device, wherein a second content of the information is dependent upon the geographic location of the first access point and is different from the first content.

34. (original) The method of claim 33,

wherein said determining includes using a management information base (MIB), wherein the MIB comprises information including the geographic location of the first access point.

35. (currently amended) The method of claim 33,

wherein at least one of the first computing device and the second computing device is a portable computing device.

36. (currently amended) A method of providing geographic-based information, the method comprising:

receiving a geographic location of an access point communicating with a first computing device;

receiving first identification information indicating a first user of the first computing device;

receiving the geographic location of the access point communicating with a second computing device, wherein the second computing device is different from the first computing device;

receiving second identification information indicating a second user of the second computing device, wherein the second identification is different from the first identification information, wherein the second user is different from the first user;

selecting first information dependent upon the geographic location of the access point and the first identification information, wherein at least a first content of the first information is capable of being displayed by the first computing device;

transmitting the first information to the first computing device;

selecting second information dependent upon the geographic location the access point and the second identification information, [[,]] wherein at least a second content of the second

information is capable of being displayed by the second computing device, wherein the second information is different from the first information; and

transmitting the second information to the second computing device.

37. (previously presented) The method of claim 36, further comprising:

receiving a destination from the first computing device;

wherein the first information comprises an itinerary, wherein the itinerary indicates a route from the geographic location of access point to the destination.

38. (previously presented) The method of claim 36,

wherein the first information includes weather information.

39. (previously presented) The method of claim 36, wherein the access point is a wireless access point.

40. (previously presented) The method of claim 36,

wherein the first identification information indicates a first profile of the first user;

wherein said selecting the first information is further dependent on the first profile of the first user.

41. (previously presented) The method of claim 36,

wherein the first information includes a map.

42. (previously presented) The method of claim 36,

wherein at least one of the first computing device and the second computing device is a portable computing device.

43. (previously presented) A method of providing a geographic-based information in a geographic-based communication system, wherein the geographic-based communication system uses a geographic location of a computing device operated by a user in a vicinity of a first access point of one or more access points, the method comprising:

establishing a ~~connection~~ <u>wireless communication link</u> between the computing device operated by the user and the first access point;

determining the geographic location of the computing device;

providing the geographic location of the computing device to an information provider; and

transmitting information <u>from the information provider</u> to the computing device ~~through~~ <u>via</u> the ~~connection~~ <u>wireless communication link,</u> wherein a content of the information is dependent upon the geographic location of the computing device <u>and is associated with a business.</u>

44. (original) The method of claim 43, further comprising:

receiving a destination;

wherein the content indicates a route from the geographic location of the computing device to the destination.

45. (original) The method of claim 43,

wherein the content includes weather information.

46. (original) The method of claim 43,

wherein said establishing includes identifying a user of the computing device;

wherein the content is dependent upon said identifying the user.

47. (original) The method of claim 46,

wherein said identifying the user indicates a profile of the user;

wherein the content is dependent on the profile of the user.

48. (original) The method of claim 46,

wherein said identifying the user indicates past transactions of the user;

wherein the content is dependent on the past transactions of the user.

49. (original) The method of claim 46,

wherein said identifying the user indicates a profile of the user;

wherein the profile of the user indicates the content is desired by the user.

50. (previously presented) The method of claim 43, further comprising:

receiving identification information indicating a user of the computing device.

51. (original) The method of claim 50,

wherein the identification information indicates a profile of the user;

wherein the content is dependent on the profile of the user.

52. (original) The method of claim 50,

wherein the identification information indicates past transactions of the user;

wherein the content is dependent on the past transactions of the user.

53. (original) The method of claim 50,

wherein the identification information indicates a profile of the user;

wherein the profile of the user indicates the content is desired by the user.

54. (original) The method of claim 43,

wherein the computing device is a portable computing device.

55. (original) The method of claim 43,

wherein the geographic location of the computing device comprises a geographic location of the first access point;

wherein the content is dependent upon the geographic location of the first access point.

56. (original) The method of claim 55,

wherein said determining includes using a management information base (MIB), wherein the MIB comprises information including the geographic location of the first access point.

57. (previously presented) The method of claim 56,

wherein the first access point includes a memory comprising information of the MIB, wherein the memory comprises information including the geographic location of the first access point.

58. (original) The method of claim 57,

wherein said determining includes the computing device querying the first access point and the first access point responding to the querying with the geographic location of the computing device;

wherein said providing includes the computing device providing the geographic location of the computing device.

59. (original) The method of claim 55,

wherein the geographic location of the first access point is determined by its proximity to another geographic location.

60. (original) The method of claim 43,

wherein said transmitting includes the information provider transmitting the information through a network.

61. (original) The method of claim 60,

wherein said transmitting includes transmitting the information through the first access point.

62. (original) The method of claim 60,

wherein the network includes one or more of a local area network and a wide area network.

63. (currently amended) A method of using geographic locations of one or more access points to service one or more users who are in a vicinity of the one or more access points, the method comprising:

establishing a connection between a computing device and at least one of the one or more access points;

providing a geographic location of the at least one of the one or more access points to an information provider after said establishing;

receiving information from the information provider, wherein the information is dependent upon the geographic location of the at least one of the one or more access points <u>and a content of the information is associated with a business</u>; and

transmitting the information to the computing device through the at least one of the one or more access points.

64. (previously presented) The method of claim 63, further comprising:

the information provider selecting the information based upon the geographic location of the at least one of the one or more access points, wherein said selecting is performed prior to said transmitting.

65. (previously presented) The method of claim 63, further comprising:

the computing device transmitting a message indicating presence of the computing device within a vicinity of the at least one of the one or more access points;

the information provider determining if a service is required upon detection of the message; and

the information provider initiating provision of the service in response to the information provider determining that the service is required.

66. (previously presented) The method of claim 63, wherein the information comprises travel information.

67. (previously presented) The method of claim 66, wherein the travel information indicates a route from the geographic location of the at least one of the one or more access points to a destination.

68. (previously presented) The method of claim 63, wherein the information comprises a nearest location of a service provider relative to the at least one of the one or more access points.

69. (original) The method of claim 63,

wherein the computing device is a portable computing device.

Claims 70-83 (canceled)

84. (currently amended) A geographic-based information system, comprising:

a network;

one or more access points coupled to the network;

one or more information providers operable to be coupled to the network, wherein at least one information provider is operable to receive a geographic location of a first access point of the one or more access points;

wherein the at least one information provider is further operable to provide ~~information~~ a plurality of contents through the network to a plurality of computing ~~device~~ devices after receiving the geographic location of the first access point, wherein the plurality of computing ~~device~~ devices is in a vicinity of and communicatively coupled to the first access point, wherein the at least one information provider is further operable to select the ~~information~~ plurality of contents dependent upon the geographic location of the first access point.

85. (currently amended) The geographic-based information system of claim 84, wherein at least one of the plurality of computing ~~device~~ devices is a portable computing device configured to be readily carried by a user.

86. (currently amended) The geographic-based information system of claim 84, wherein at least one of the plurality of contents ~~the information~~ includes weather information.

87. (currently amended) The geographic-based information system of claim 84,
wherein at least one of the plurality of contents ~~the information~~ includes travel
information.

88. (currently amended) The geographic-based information system of claim 84,
wherein at least one of the plurality of contents ~~the information~~ includes a nearest
location of a service provider relative to the geographic location of the first access point.

89. (original) The geographic-based information system of claim 84, further comprising:
a memory coupled to the network which comprises geographic location information
comprising a local map of an area of each of at least a subset of the one or more access points.

90. (original) The geographic-based information system of claim 84, further comprising:
a memory coupled to the network which comprises geographic location information
comprising geographic locations of each of at least a subset of the one or more access points.

91. (original) The geographic-based communications service system of claim 84,
wherein the network includes one or more of a local area network and a wide area
network.

92. (currently amended) A computer readable memory medium comprising program
instructions for providing information in a geographic-based communications service system,
wherein the program instructions are computer-executable to implement:
receiving, from a computing device operated by a user, a geographic location of [[a]] the
computing device coupled to a network through an access point;
providing information through the network to the computing device, wherein the
information is dependent upon the geographic location of the computing device.

93. (previously presented) The computer readable memory medium of claim 92,
wherein the information includes weather information.

94. (previously presented) The computer readable memory medium of claim 92, wherein the information includes a nearest location of a service provider relative to the geographic location of the computing device.

95. (currently amended) The computer readable memory medium of claim 92, wherein the program instructions are further computer-executable to implement:
    receiving identification information indicating [[a]] the user of the computing device;
    wherein the information is further dependent upon the identification information.

96. (currently amended) The computer readable memory medium of claim 92, wherein the program instructions are further computer-executable to implement:
    receiving identification information indicating [[a]] the user of the computing device;
    wherein the information is dependent further upon a profile of the user of the computing device.

97. (previously presented) The computer readable memory medium of claim 96, wherein the profile of the user indicates the information is desired by the user.

98. (previously presented) The computer readable memory medium of claim 92, wherein the program instructions are further computer-executable to implement:
    receiving a destination;
    wherein the information includes content indicating a route from the geographic location of the computing device to the destination.

99. (previously presented) The computer readable memory medium of claim 92, wherein the information includes a map.

100. (previously presented) The computer readable memory medium of claim 92, wherein the computing device is a portable computing device.

101. (currently amended) A computer readable memory medium comprising program instructions for providing information in a geographic-based communications service system, wherein the program instructions are computer-executable to implement:

receiving a geographic location of an access point; [[and]]

providing first information ~~through~~ via a network and the access point to a first computing device in a vicinity of and communicatively coupled to the access point, wherein the first information is dependent upon the geographic location of the access point[[.]]; and

providing second information via the network and the access point to a second computing device in the vicinity of and communicatively coupled to the access point, wherein the second information is dependent upon the geographic location of the access point and is different from the first information, wherein the second computing device is different from the first computing device.

102. (currently amended) The computer readable memory medium of claim 101, wherein at least one of the first information and the second information includes weather information.

103. (currently amended) The computer readable memory medium of claim 101, wherein at least one of the first information and the second information includes a nearest location of a service provider relative to the geographic location of the access point.

104. (currently amended) The computer readable memory medium of claim 101, wherein the program instructions are further computer-executable to implement:

receiving identification information indicating a user of the first computing device;

wherein the first information is dependent upon the identification information.

105. (currently amended) The computer readable memory medium of claim 101, wherein the program instructions are further computer-executable to implement:

receiving identification information indicating a user of the first computing device;

wherein the first information is dependent upon a profile of the user of the first computing device.

106. (currently amended) The computer readable memory medium of claim 105, wherein the profile of the user indicates the first information is desired by the user.

107. (currently amended) The computer readable memory medium of claim 101, wherein the program instructions are further computer-executable to implement:

receiving a destination;

wherein at least one of the first information and the second information includes content indicating a route from the geographic location of the access point to the destination.

108. (currently amended) The computer readable memory medium of claim 101, wherein the program instructions are further computer-executable to implement:

receiving a destination;

wherein at least one of the first information and the second information includes content indicating a route from the vicinity of the access point to the destination.

109. (currently amended) The computer readable memory medium of claim 101, wherein at least one of the first information and the second information includes a map.

110. (currently amended) The computer readable memory medium of claim 101, wherein at least one of the first computing device and the second computing device is a portable computing device.

111. (currently amended) A geographic-based communications service system, comprising:

one or more access points coupled to a network and arranged at geographic locations in a geographic region, wherein a first access point of the one or more access points in proximity to a plurality of computing device devices is operable to communicate with the plurality of computing device devices, wherein the first access point is operable to transmit information a plurality of contents to the plurality of computing device devices, wherein [[a]] each content of the information plurality of contents is dependent upon a geographic location of the first access point.

112. (currently amended) The geographic-based communications service system of claim 111,

wherein the first access point is further operable to transmit the geographic location of the first access point to a memory associated with [[the]] a first computing device of the plurality of computing devices, whereby the first access point is capable of advising the first computing device of the geographic location of the first access point.

113. (currently amended) The geographic-based communications service system of claim 112,

wherein the first computing device is operable to transmit the geographic location of the first access point.

114. (currently amended) The geographic-based communications service system of claim 111, further comprising:

a device coupled to the network;

wherein the device is operable to transmit the geographic location through of the first access point via the first access point to a memory associated with [[the]] a first computing device of the plurality of computing devices, whereby the device is capable of advising the first computing device of [[its]] a geographic location of the first computing device.

115. (currently amended) The geographic-based communications service system of claim 114,

wherein the first computing device is operable to transmit [[its]] the geographic location of the first computing device.

116. (currently amended) The geographic-based communications service system of claim 111, further comprising:

one or more information providers coupled to the network;

wherein a first information provider of the one or more information providers is operable to receive the geographic location of the first access point;

wherein the first information provider is further operable to select <u>a first content of the</u> <u>plurality of contents</u> ~~the information~~ to provide to [[the]] <u>a first</u> computing device <u>of the plurality</u> <u>of computing devices</u> based on the geographic location of the first access point;

wherein the first information provider is further operable to provide the ~~information~~ ~~through~~ <u>first content via</u> the network and to the first access point for transmission to the <u>first</u> computing device[[.]]<u>;</u>

<u>wherein the first information provider is further operable to select a second content of the</u> <u>plurality of contents to provide to a second computing device of the plurality of computing</u> <u>devices based on the geographic location of the first access point;</u>

<u>wherein the first information provider is further operable to provide the second content</u> <u>via the network and to the first access point for transmission to the second computing device.</u>

117. (previously presented) The geographic-based communications service system of claim 116, wherein the one or more information providers include one or more of car rental agencies, hotels, restaurants, airline reservation centers, banks, taxi services, bus reservation offices, and train reservation offices.

118. (currently amended) The geographic-based communications service system of claim 111, further comprising:

a plurality of information providers coupled to the network, wherein each of the information providers is operable to provide the information ~~through~~ <u>via</u> the network and to the first access point for transmission to the <u>plurality of</u> computing <u>devices</u> ~~device~~.

119. (currently amended) The geographic-based communications service system of claim 111, further comprising:

a management information base ~~for storing~~ <u>configured to store</u> information including at least one of a topology of the network, a directory of elements coupled to the network, characteristics of individual ones of the elements, characteristics of connection links, and performance and trend statistics of the network;

wherein the management information base provides geographic location data to the first access point.

120. (currently amended) The geographic-based communications service system of claim 111, further comprising:

a management information base ~~for storing~~ <u>configured to store</u> information including at least one of a geographic topology of the network and a directory of elements coupled to the network;

wherein the management information base provides geographic location data to the first access point.

121. (original) The geographic-based communications service system of claim 111,

wherein the network includes one or more of a local area network and a wide area network.

122. (currently amended) The geographic-based communications service system of claim 111,

wherein ~~the information~~ <u>at least one of the plurality of contents</u> comprises advertising related to goods or services;

wherein the advertising is based upon the ~~known~~ <u>geographic</u> location of the first ~~wireless~~ access point.

123. (currently amended) The geographic-based communications service system of claim 111,

wherein ~~the information~~ <u>at least one of the plurality of contents</u> comprises travel information.

124. (original) The geographic-based communications service system of claim 123,

wherein the travel information includes an itinerary indicating a route from the geographic location of the first access point to a destination.

125. (currently amended) The geographic-based communications service system of claim 111,

wherein ~~the information~~ at least one of the plurality of contents comprises a nearest location of a service provider relative to the first access point.

126. (currently amended) The geographic-based communications service system of claim 111,

wherein [[the]] a first computing device of the plurality of computing devices is a portable computing device configured to be readily carried by a user.

127. (currently amended) An information provider system for providing geographic-based information for a computing device, the system comprising:

a processor;

a memory coupled to the processor, wherein the memory stores program instructions which are executable by the processor to:

receive a geographic location of a computing device;

select first information dependent upon the geographic location of the computing device; [[and]]

transmit the first information to a network[[.]];

select second information dependent upon the geographic location of the computing device, wherein the second information is different than the first information; and

transmit the second information to the network.

128. (currently amended) The information provider system of claim 127, wherein the program instructions are further executable by the processor to:

receive identity information of a user of the computing device;

wherein at least one of first information and the second information is further dependent upon the identity information of the user.

129. (currently amended) The information provider system of claim 128,

wherein the identity information of the user indicates a profile of the user;

wherein at least one of first information and the second information is further dependent upon the profile of the user.

130. (currently amended) The information provider system of claim 128,

wherein the identity information of the user indicates past transactions of the user;

wherein <u>at least one of first information and</u> the <u>second</u> information is further dependent upon the past transactions of the user.

131. (original) The information provider system of claim 127,

wherein the network includes one or more of a local area network and a wide area network.

132. (currently amended) The information provider system of claim 127,

wherein <u>at least one of first information and</u> the <u>second</u> information comprises advertising related to goods or services;

wherein the advertising is based upon the geographic location of the computing device.

133. (currently amended) The information provider system of claim 127,

wherein <u>at least one of first information and</u> the <u>second</u> information includes a promotion;

wherein the promotion is based upon the geographic location of the computing device.

134. (currently amended) The information provider system of claim 127,

wherein <u>at least one of first information and</u> the <u>second</u> information includes weather information.

135. (currently amended) The information provider system of claim 127,

wherein <u>at least one of first information and</u> the <u>second</u> information includes a ground map.

136. (original) The information provider system of claim 127,

wherein the computing device is a portable computing device.

137. (currently amended) The information provider system of claim 127, wherein the program instructions are further executable by the processor to:

receive a destination;

wherein <u>at least one of first information and</u> the <u>second</u> information indicates a route from the geographic location of the computing device to the destination.

138. (currently amended) The information provider system of claim 127,

wherein the network is operable to transmit <u>at least one of first information and</u> the <u>second</u> information to the computing device.

139. (currently amended) An information provider system for providing geographic-based information for a computing device, the system comprising:

a processor;

a memory coupled to the processor, wherein the memory stores program instructions which are executable by the processor to:

receive a geographic location of an access point;

select <u>first</u> information dependent upon the geographic location of the access point; [[and]]

transmit the <u>first</u> information to a network[[.]]<u>;</u>

<u>select second information dependent upon the geographic location of the access point, wherein the second information is different than the first information; and</u>

<u>transmit the second information to a network.</u>

140. (original) The information provider system of claim 139,

wherein the network includes one or more of a local area network and a wide area network.

141. (currently amended) The information provider system of claim 139,

wherein <u>at least one of first information and</u> the <u>second</u> information comprises advertising related to goods or services;

wherein the advertising is based upon the geographic location of the access point.

142. (currently amended) The information provider system of claim 139,

wherein <u>at least one of first information and</u> the <u>second</u> information includes a promotion;

wherein the promotion is based upon the geographic location of the access point.

143. (currently amended) The information provider system of claim 139, wherein the program instructions are further executable by the processor to:

receive identity information of a user of a computing device communicating with the access point;

wherein <u>at least one of first information and</u> the <u>second</u> information is further dependent upon the identity information of the user.

144. (currently amended) The information provider system of claim 143,

wherein the identity information of the user indicates a profile of the user;

wherein <u>the at least one of first information and</u> the <u>second</u> information is further dependent upon the profile of the user.

145. (currently amended) The information provider system of claim 143,

wherein the identity information of the user indicates past transactions of the user;

wherein <u>the at least one of first information and</u> the <u>second</u> information is further dependent upon the past transactions of the user.

146. (original) The information provider system of claim 143,

wherein the computing device is a portable computing device.

147. (currently amended) The information provider system of claim 139

wherein <u>at least one of first information and</u> the <u>second</u> information includes weather information.

148. (currently amended) The information provider system of claim 139, wherein <u>at least one of first information and</u> the <u>second</u> information includes a ground map.

149. (currently amended) The information provider system of claim 139, wherein the program instructions are further executable by the processor to:

receive a destination;

wherein <u>at least one of first information and</u> the <u>second</u> information indicates a route from the geographic location of the access point to the destination.

150. (currently amended) The information provider system of claim 139, wherein the network is operable to transmit <u>at least one of first information and</u> the <u>second</u> information to the computing device.

151. (currently amended) An information provider system for providing geographic-based information for a computing device, the system comprising:

a processor;

a memory coupled to the processor, wherein the memory stores program instructions which are executable by the processor to:

access a management information base (MIB) coupled to a network;

determine a geographic location of an access point from the MIB;

select <u>first</u> information dependent upon the geographic location of the access point; [[and]]

transmit the <u>first</u> information to the network[[.]]<u>;</u>

<u>select second information dependent upon the geographic location of the access point, wherein the second information is different than the first information; and</u>

<u>transmit the second information to the network.</u>

152. (original) The information provider system of claim 151, wherein the network includes one or more of a local area network and a wide area network.

153. (currently amended) The information provider system of claim 151,

wherein ~~the information~~ at least one of the first information and the second information comprises advertising related to goods or services;

wherein the advertising is based upon the geographic location of the access point.

154. (currently amended) The information provider system of claim 151,

wherein ~~the information~~ at least one of the first information and the second information includes a promotion;

wherein the promotion is based upon the geographic location of the access point.

155. (currently amended) The information provider system of claim 151, wherein the program instructions are further executable by the processor to:

receive identity information of a user of a computing device communicating with the access point;

wherein ~~the information~~ at least one of the first information and the second information is further dependent the upon identity information of the user.

156. (currently amended) The information provider system of claim 155,

wherein the identity information of the user indicates a profile of the user;

wherein ~~the information~~ the at least one of the first information and the second information is further dependent upon the profile of the user.

157. (currently amended) The information provider system of claim 155,

wherein the identity information of the user indicates past transactions of the user;

wherein ~~the information~~ at least one of the first information and the second information is further dependent upon the past transactions of the user.

158. (original) The information provider system of claim 155,

wherein the computing device is a portable computing device.

159. (currently amended) The information provider system of claim 151, wherein ~~the information~~ at least one of the first information and the second information includes weather information.

160. (currently amended) The information provider system of claim 151, wherein ~~the information~~ at least one of the first information and the second information includes a ground map.

161. (currently amended) The information provider system of claim 151, wherein the program instructions are further executable by the processor to:

receive a destination;

wherein ~~the information~~ at least one of the first information and the second information indicates a route from the geographic location of the access point to the destination.

162. (currently amended) The information provider system of claim 151, wherein the network is operable to transmit ~~the information~~ at least one of the first information and the second information to the computing device.

163. (currently amended) A method of providing location-based information of a plurality of ~~one or more~~ mobile units comprised in a coverage area of an access point, the method comprising:

the access point scanning the coverage area;

receiving a response from each mobile unit of ~~a subset of the one or more~~ the plurality of mobile units in response to said scanning, wherein the response includes an identification; [[and]]

determining a location of each mobile unit of the ~~subset~~ plurality of mobile units;[[.]]

selecting a first content of first information based on a location of a first mobile unit of the plurality of mobile units;

selecting a second content of second information based on the location of the first mobile unit, wherein the second content of the second information is different from the first content of the first information;

transmitting the first content of the first information to the first mobile unit via the access point; and

transmitting the second content of the second information to the first mobile unit via the access point.

164. (currently amended) The method of claim 163, further comprising:

each mobile unit of the ~~subset~~ plurality of mobile units responding, wherein said responding uses passive circuitry.

165. (currently amended) The method of claim 163, further comprising:

each mobile unit of the ~~subset~~ plurality of mobile units responding, wherein said responding uses active circuitry.

166. (original) The method of claim 163,

wherein the access point is operable to be coupled to a network;

the method further comprising:

providing each of the locations, from said determining, to the network.

167. (original) The method of claim 166, further comprising:

providing each of the identifications, from said responding, to the network.

168. (original) The method of claim 163,

wherein each identification is different from another identification.

169. (currently amended) An access point operable to provide location information of ~~one or more~~ a plurality of mobile units, wherein the access point is operable to be coupled to a network, wherein the access point is operable to scan a coverage area of the access point, wherein the access point is configured to receive responses comprising identification information from each of ~~a subset of~~ the ~~one or more~~ plurality of mobile units, wherein the access point is configured to provide location information and mobile unit identification information to the network corresponding to each of the plurality of mobile units ~~determine the location of each of~~

the subset, wherein the access point is operable to receive, from the network, a plurality of contents based on the location information and mobile unit identification information corresponding to each of the plurality of mobile units, wherein the access point is operable to transmit the plurality of contents to the plurality of mobile unitslocation and identification of each of the subset to the network.

170. (previously presented) The method of claim 1, wherein at least a portion of the content is capable of being displayed to a user of the computing device.

171. (previously presented) The method of claim 1, wherein the computing device is a portable computing device configured to be readily carried by a user.

Claims 172-175 (canceled)

176. (currently amended) The geographic-based information system of claim 84, wherein at least a portion of the information of a first content of the plurality of contents is capable of being displayed to a user of [[the]] a first computing device of the plurality of computing devices.

177. (currently amended) The geographic-based information system of claim 84, wherein at least one [[the]] computing device of the plurality of computing devices is a portable computing device configured to be readily carried by a user.

178. (new) A method, comprising:

receiving a geographic location of a computing device operated by a user from the computing device;

selecting content dependent upon the geographic location of the computing device; and

transmitting the content to the computing device after selecting the content.

179. (new) The method of claim 178, wherein the content includes information associated with a business.

180. (new) The method of claim 178, further comprising:

receiving identification information indicating the user of the computing device; and

determining past transactions of the user;

wherein selecting the content is further dependent the past transactions of the user.

181. (new) The method of claim 178,

wherein the computing device is a portable computing device configured to be readily carried by the user.

182. (new) The method of claim 178,

wherein the geographic location of the computing device includes a geographic location of an access point communicating with the computing device.

183. (new) The method of claim 182,

wherein selecting the content dependent upon the geographic location of the computing device includes accessing a memory that includes the geographic location of the access point communicating with the computing device.

184. (new) The method of claim 23,

wherein the geographic location information of the computing device includes geographic location information of an access point communicating with the computing device.

185. (new) The method of claim 184,

wherein the access point is a wireless access point.

186. (new) A method, comprising:

determining a geographic location of an access point;

transmitting first information to a first computing device communicating with the access point, wherein a first content of the first information is dependent upon the geographic location of the access point; and

transmitting second information to a second computing device communicating with the access point, wherein a second content of the second information is dependent upon the geographic location of the access point and is different than the first content, wherein the second computing device is different than the first computing device.

187. (new) The information provider system of claim 127,

wherein, to receive the geographic location of the computing device, the program instructions are further executable by the processor to receive the geographic location of the computing device from the computing device.